SPIE STUDENT CHAPTER CAMEROON
ANNUAL REPORT MARCH 2018

HOSTED BY THE CAMEROON PHYSICAL SOCIETY

ADDRESS PO Box: 8210 YAOUNDE – CAMEROUN
Site web: www.scp-web.org
Email: info@scp-web.org
Contents

Chapter Mission .............................................................................................................3
March 2017- April 2018 chapter Officers.................................................................3
List of Members (March 2017- April 2018)..............................................................4
Monthly Meeting and get together............................................................................5
Outreach and recruitment Activities..........................................................................6
Workshop on “the foundations and applications of optomechanics”......................8
Details of planned activities for the future .................................................................9
Chapter Mission

Created in February 2013, the chapter gathers PhD and Master Students from some Universities. Every year, our main mission is to advance light based technologies and help support its associated community through participation and organization of activities such as seminars, outreach projects, social events. Provide exciting educational, networking and learning experience in the field of optics and photonics. Our aim is to nurture intellectual, social and professional growth for each of our members, through seminars and networking opportunities facilitated by SPIE.

March 2017- April 2018 Chapter officers

president: Dorota Youmbi / dorotayoumbi@yahoo.fr
vice - president: Ngouabo Ulrich / ngouabo.ulrich@yahoo.fr
secretary : Simo Domguia Ulrich/ simo_ulrich@yahoo.fr
treasurer: Essamba Ursulle / ursuleessamba@gmail.com
advisor: Paul Woafo /pwoafo1@yahoo.fr

List of Members (March 2017- April 2018)

1- EDER BATISTA TCHAWOU TUISSEU
2- ALAIN FRANCIS TALLA
3- VANESSA MURIEL TCHAKUI
4- RAOUl THEPI SIEWE
5- BOUBAKARY MAIMOUNATOU
6- STEVE CLORIANT MBA FEULEFACK
7- ARNAUD NOTUE KADJIE
8- GERVAIS MOMO BOUTI
9- PATRICK TATSING
10- GABIN THIBAUT OUMBE TEKAM
11- GOUNE CHENGUI GERAUD RUSSEL
12- ERIC-DONALD DONGMO
Montly Meeting and get together

The montly meeteting of SPIE student chapter Cameroon takes place one time each month at the Laboratory of modeling, Simulation in Engineering ,Biomimetics and Protytypes (LAMSEBP). During these meeting, we discuss about our research projects, the evolution of optics and the photonics in the international scientific community and we see how we can easily sensitize people about those disciplines. Somes pictures of our meeting during the year are resentated below:
Some SPIE members preparing the manipulations during the meeting.

SPIE members during the traditional meeting of month.
Outreach and recruitment activities

In our chapter, we have a paramount concern to sensitize Cameroonianians on the fields of optics and photonics. During this year, we have planned to organize a workshop in a fascinating field associated with optics where many students of different University of Cameroon were invited. The representation in images of these events is made in the following sections.

**Outreach about the workshop on the foundations and applications of optomechanics.**

A training course based on modeling of optomechanical devices, organized in synergy with the Cameroon Physical Society. A one day training on modeling of optomechanical systems in order to explain the foundations and applications of optomechanics and finally the presentation of some research problems in the field of optomechanics. The audience will consist of Master and PhD students.

The president of the chapter for this purpose made a presentation of SPIE Student Chapter Cameroon, showing all the advantages of being a member, the activities they have already carried out since the creation to convince non-members to join our chapter.

After the presentation of SPIE, the doctor invited for the workshop took the floor to build us on the theme chosen, it was very rewarding. This workshop ended with the questions phase where each participant had the right to ask questions in order to better understand.

**EVENT PHOTOGRAPHS**
The president talks about the SPIE Student Chapter Cameroon during the workshop on the ‘foundations and applications of optomechanics’.

The audience is focussed on the lesson given by Dr Djorwe Phillipe.
This photo shows the speaker answering a question asked by the participant.

SPIE members, advisor and some lecturers during the workshop.
Details of planned activities for the future

We will continue with our activities of Activity Grant 2018 (a theoretical and practical training on the manufacturing of solar panels, event done at University of Yaounde 1) including monthly meeting, seminars, lab tours, outreach activities, recruiting members.

Financial summary

<table>
<thead>
<tr>
<th>Description</th>
<th>expenses</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>The workshop on the foundations and applications of optomechanic</td>
<td>$200</td>
<td>March 2018</td>
</tr>
<tr>
<td>Total</td>
<td>$200</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>received</th>
<th>date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rest of last year</td>
<td>$203,9</td>
<td>May 2017</td>
</tr>
<tr>
<td>Outreach grant</td>
<td>$1100</td>
<td>January 2018</td>
</tr>
<tr>
<td>Total</td>
<td>$1303,9</td>
<td></td>
</tr>
</tbody>
</table>

Available Balance : $1103,9